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MEMO

On Wednesday, September 21, 2016, seven archaeologists from the State Historical Society of North Dakota (SHSND) conducted a pedestrian inventory (cultural resources survey) of the 1.36 mile long Dakota Access Pipeline (DAPL) project construction corridor in Morton County west of North Dakota Highway 1806 under considered review, at the request of the joint Law Enforcement Task Force formed to investigate the DAPL project (see Figure 1 attached).

The survey corridor environs comprised rolling upland prairie grasslands west of the Missouri River bisected by shallow ephemeral drainages. Glacial erratics (bowling ball to car sized) were exposed on hilltops and side slopes along the length of the survey corridor project area (see Figures 2-3 attached).

The DAPL construction corridor had been stripped with topsoil stockpiled along the lateral margins (see Figure 4 attached). SHSND archaeologists traversed the corridor at seven-meter interval spacing inspecting the stripped ground surface and both sides of the two opposing stockpiled topsoil berms along the lateral margins of the corridor.

The inventory recorded ten (10) locations where rodent- to bovine-sized mammal bone fragments and teeth were present. No cultural material was observed in the inspected corridor. No human bone or other evidence of burials was recorded in the inventoried corridor.

Locations adjacent to but outside the construction corridor previously recorded by Tim Mentz, Sr., and others were inspected and photographed.

In conclusion, the cultural resources inventory and inspection conducted and reported herein yielded no evidence of human remains or significant sites.

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Paul R. Picha
Chief Archaeologist
State Historical Society of North Dakota

Date: September 22, 2016

Figure 1. Aerial map of the Dakota Access Pipeline construction corridor.

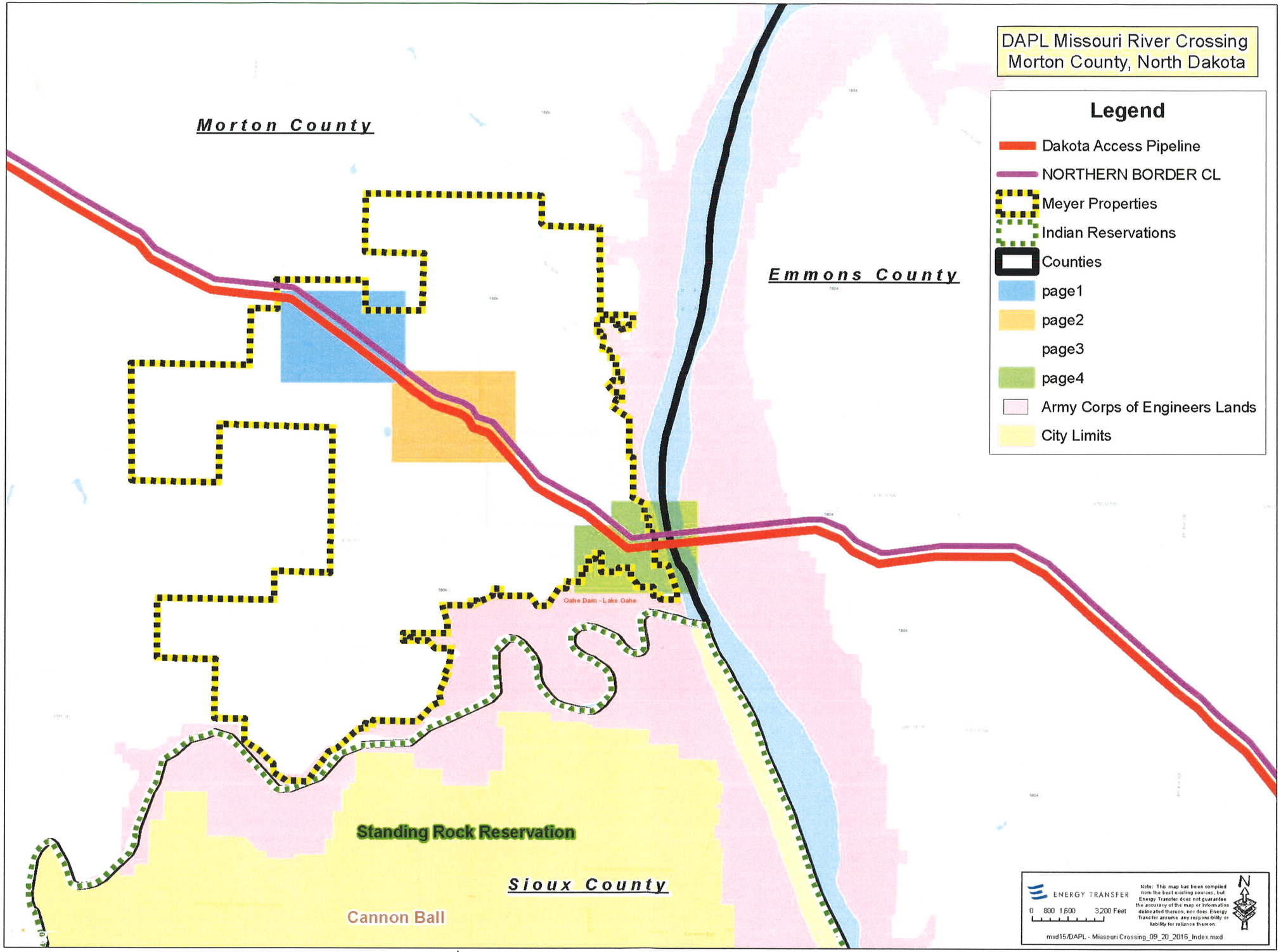
DAPL Missouri River Crossing
Morton County, North Dakota
Legend
Dakota Access Pipeline
NORTHERN BORDER CL
Meyer Properties
Indian Reservations
Counties
page1
page2
page3
page4
Army Corps of Engineers Lands
City Limits
Morton County
Emmons County
Oahe Dam - Lake Oahe
Standing Rock Reservation
Sioux County
Cannon Ball
ENERGY TRANSFER
0 800 1,600 3,200 Feet
Note: This map has been compiled from the best existing sources, but Energy Transfer does not guarantee the accuracy of the map or information delineated thereon, nor does Energy Transfer assume any responsibility or liability for reliance there on.
mxd15/DAPL - Missouri Crossing_09_20_2016_Index.mxd

Figure 1

Figure 2. Photograph of glacial erratics exposed on hilltops adjacent to the inventory area.

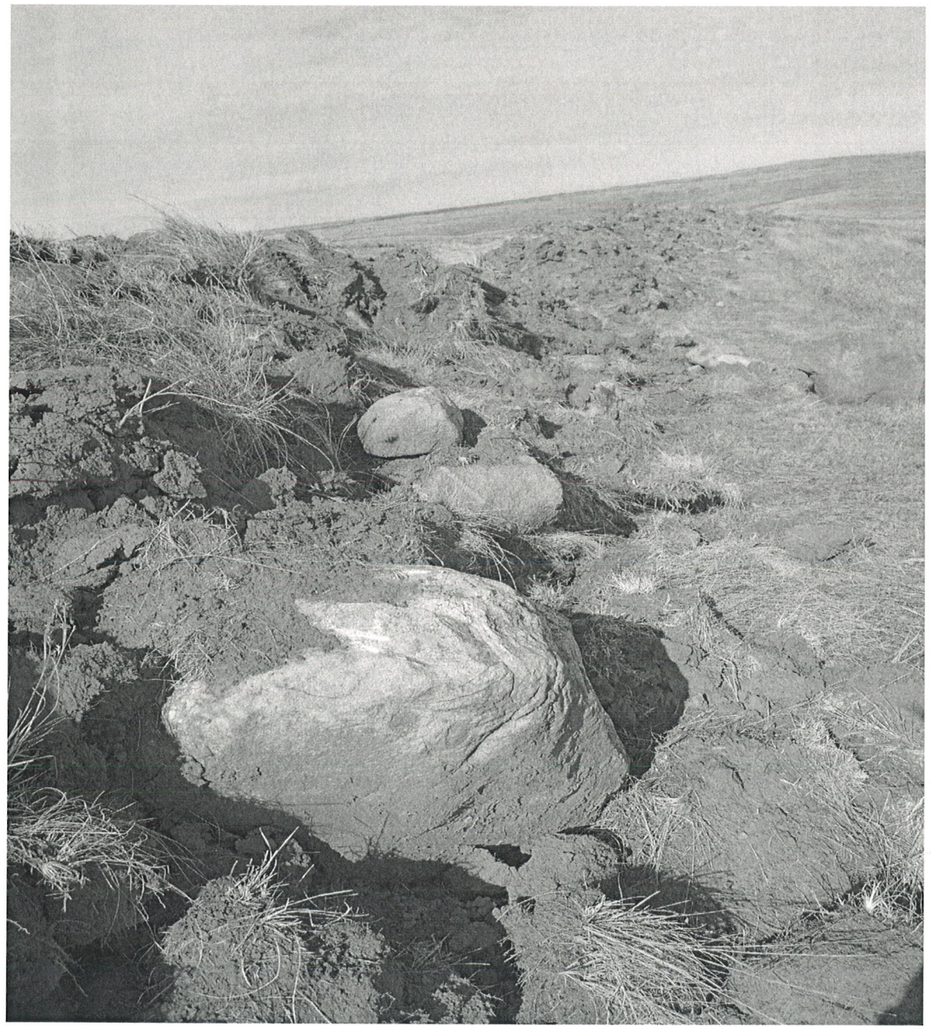

Figure 3. Photograph of glacial erratics in topsoil berm in the construction corridor.

Figure 4. Photograph of the Dakota Access Pipeline construction corridor inventory area showing stripped surface and stockpiled topsoil berms along the lateral margins.